

RE37891

FIG. 1a

CELLS  
WITHIN  
CLINICAL  
SAMPLE



STEP 1

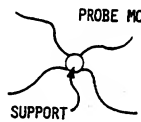
SOLUBLIZING AGENTS  
& DENATURATION  
OF NUCLEIC ACID

SAMPLE NUCLEIC ACID & CELLULAR DEBRI & IMPURITIES

STEP 2

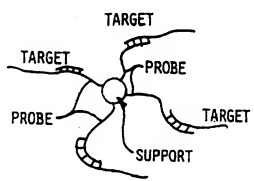
RETRIEVABLE SUPPORT  
WITH PROBE MOIETY

SAMPLE  
NUCLEIC ACID +



STEP 3

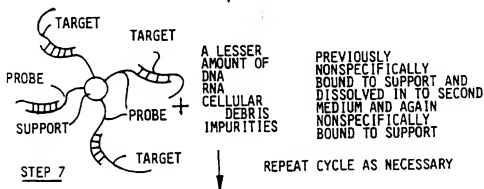
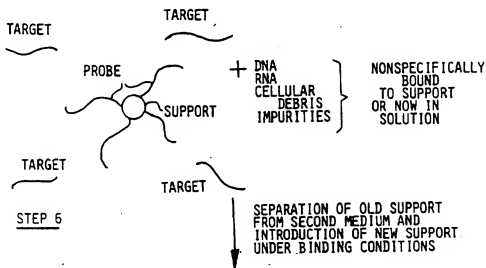
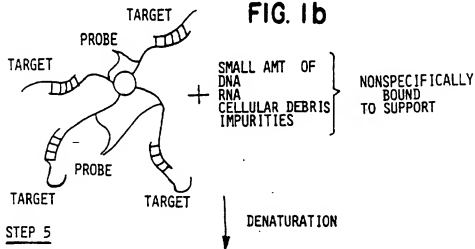
BINDING CONDITIONS



+  
LARGE AMOUNT OF  
DNA  
RNA  
CELLULAR DEBRIS  
IMPURITIES

STEP 4

FIG. 1b

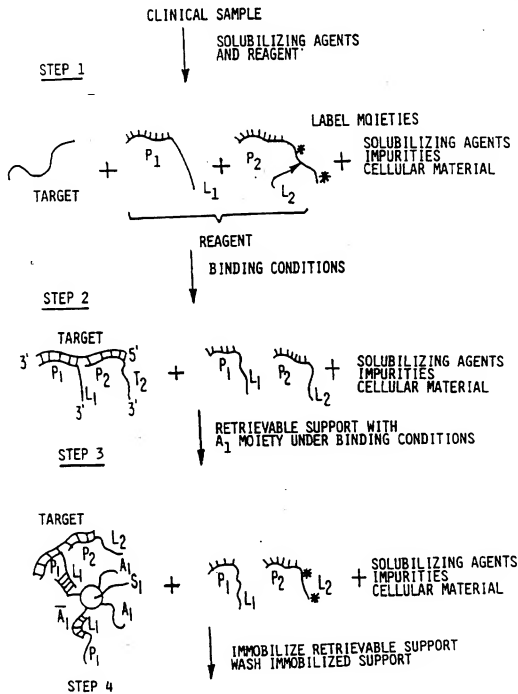


STEP 8

DETECT TARGET

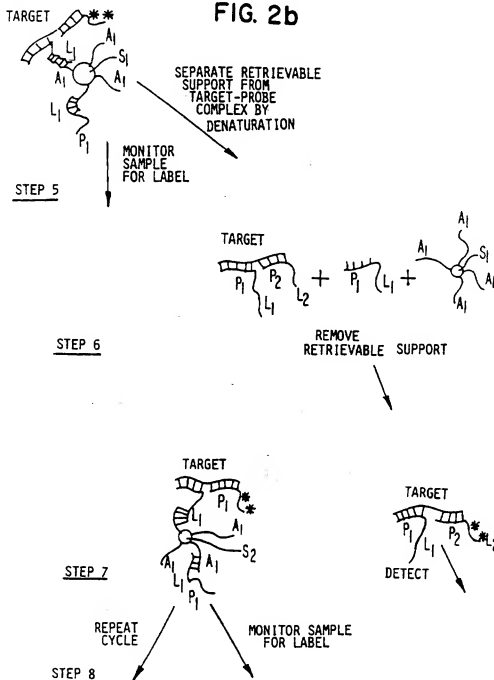
008050.9062560  
0533906.030800  
008050.9062560

FIG. 2a



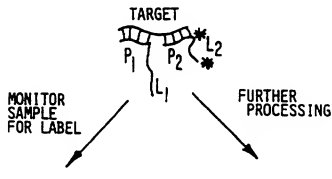
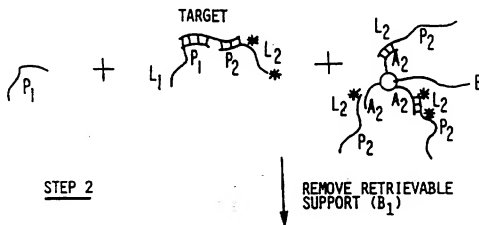
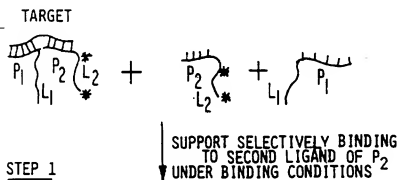
008020-9062560  
09533906-030800  
008020-9062560

FIG. 2b



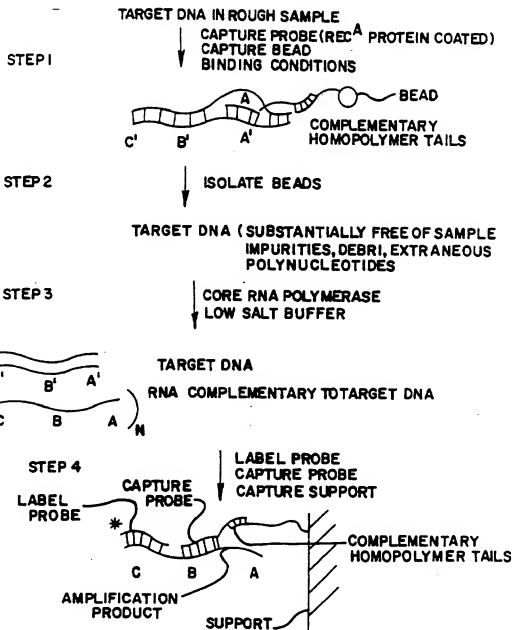
09533906-030800  
09533906-030800

FIG. 3



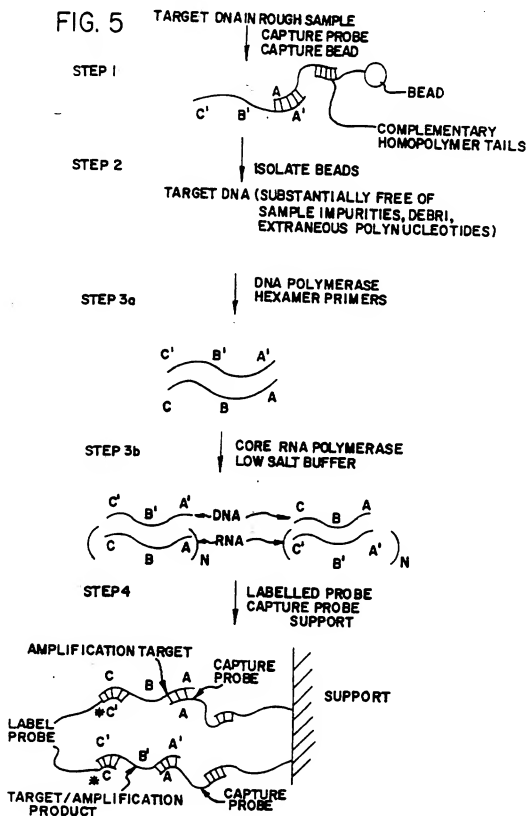
09533906 030800  
0080EO 906E560

FIG.4



008020\*90622560  
09533906 030800  
008020\*90622560

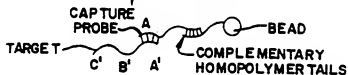
FIG. 5



008030.90633660  
09533906.030800

**TARGET DNA IN ROUGH SAMPLE**

**CAPTURE PROBE**  
**CAPTURE BEAD**



ISOLATE BEAD

**TARGET DNA (SUBSTANTIALLY FREE OF SAMPLE IMPURITIES, DEBRI, AND EXTRANEOUS POLYNUCLEOTIDES)**

## DNA POLYMERASE HEXAMER PRIMERS

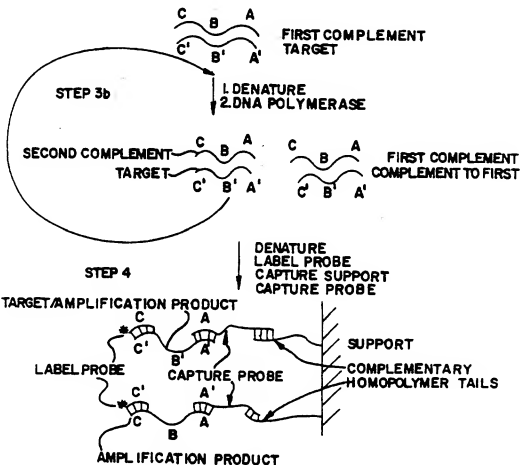
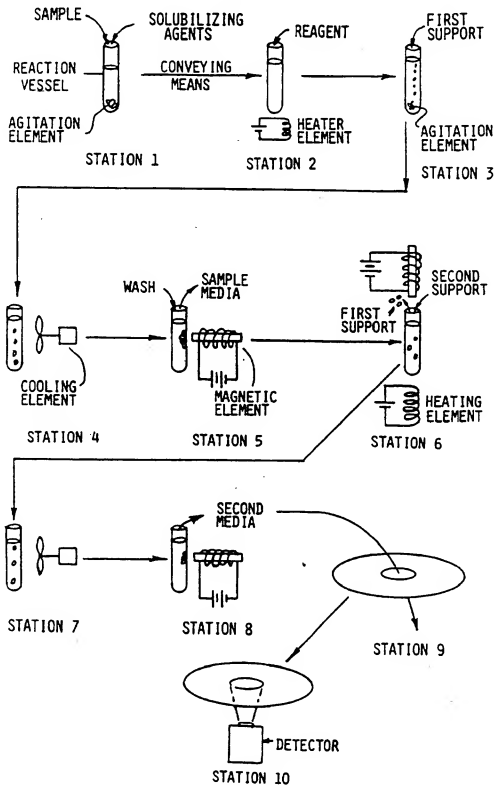


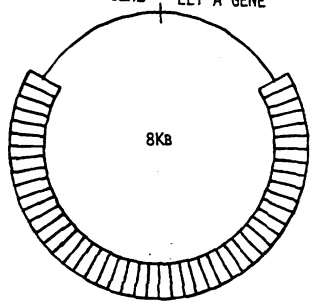


FIG. 7



008020-9066E560  
00533906-030800

ELT B GENE    ELT A GENE



PBR322- LIKE SEQUENCES

FIG. 8

0080E0-906E5560  
09533906-030800  
0080E0-906E5560